

## **Suggested Format for Providing Information Requested in Items 5 through 11 of NRC Form 313**

Appendix C is designed to be used for all types of applicants requesting a service license. Because of the varied types of service applications it is necessary to make this appendix sufficiently broad in scope to handle most applications. Services such as commercial nuclear laundries and waste management applicants may need to provide additional information once the necessary pre-licensing visit(s) are completed. Maintaining close coordination during the early licensing phase with the NRC licensing staff can be beneficial to both the NRC staff and applicant.

Using this appendix successfully requires the applicant to do an initial review of the NUREG and preplan its answers. We suggest that applicants read the entire appendix from beginning to end. The next step is to select the individual elements that apply to the individual types of service(s) requested. Highlight or circle Item Nos, or in some other way identify the areas that require specific information. Provide the information on the specific elements that you identified as requiring input for obtaining authorization for the requested services.

After selecting the applicable items that need to be addressed in Appendix C, refer to the corresponding sections in the NUREG. It is only necessary for applicants to provide the level of detail required for the individual types of service(s) requested in the application. Note that providing information for very limited licenses, e.g., leak test service provider, requires less information than would be required for a commercial nuclear laundry or a waste management license. Applicants for service licenses requiring authorization for types and quantities of material specific for broad scope licenses should refer to NUREG-1556, Vol. 11, "Consolidated Guidance About Material Licenses: Program-Specific Guidance About Licenses of Broad Scope," and NUREG-1556, Vol. 7, "Consolidated Guidance About Material Licenses: Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope."

<b>Item No.</b>	<b>Title and Criteria</b>	<b>Use Table(s) Below</b>	<b>Description Attached</b>
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## APPENDIX C

<b>5</b>	<b>RADIOACTIVE MATERIAL</b>			
	<b>Sealed Sources and Devices</b>			
	<ul style="list-style-type: none"> <li>Identify each radionuclide that will be used in each sealed source/device.</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Identify the manufacturer or distributor and model number of each sealed source/device.</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Confirm that each sealed source/device combination is listed and approved in the SSD registry for the purpose intended.</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>Confirm that the activity per source/maximum activity per device specified in the SSD registration certificate will not be exceeded.</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>	

  

<b>Sealed Sources</b>				
<b>Radioisotope</b>	<b>Manufacturer/ Model No.</b>	<b>Quantity</b>	<b>Yes</b>	<b>No</b>
		Not to exceed the maximum activity per source/device as specified in the Sealed Source and Device Registration Sheet	<input type="checkbox"/>	<input type="checkbox"/>
		Not to exceed the maximum activity per source/device as specified in the Sealed Source and Device Registration Sheet	<input type="checkbox"/>	<input type="checkbox"/>
		Not to exceed the maximum activity per source/device as specified in the Sealed Source and Device Registration Sheet	<input type="checkbox"/>	<input type="checkbox"/>

  

<b>Source Material</b>	
<input type="checkbox"/> Depleted Uranium	_____ Kilograms
<input type="checkbox"/> Uranium-238	_____ Kilograms
<input type="checkbox"/> Thorium-232	_____ Kilograms
<input type="checkbox"/> Other: Specify	_____ Kilograms

  

<b>Special Nuclear Material</b>				
<b>Radioisotope</b>	<b>Manufacturer/ Model No.</b>	<b>Quantity</b>	<b>Yes</b>	<b>No</b>

<input type="checkbox"/> Uranium-234		Not to exceed the maximum activity per source/device as specified in the Sealed Source and Device Registration Sheet	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Uranium-235				
<input type="checkbox"/> Plutonium-238				
<input type="checkbox"/> Plutonium-239				
<input type="checkbox"/> Other: Specify				

## Unsealed or Uncontained Materials

Identify each individual isotope requested:

Radioisotope	Chemical or Physical Form				Total Activity Requested
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	

**OR**

Identify your request for Type B or Type C quantities of material by filling out the table below:

Radioisotope	Yes	No
<ul style="list-style-type: none"> <li>Any radioisotope identified in 10 CFR 33.100, Schedule A, Column I — (Type B License of Broad Scope)</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>
<b>OR</b>		
<ul style="list-style-type: none"> <li>Any radioisotope identified in 10 CFR 33.100, Schedule A, Column II — (Type C License of Broad Scope)</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>

### AND IF APPLICABLE

Identify *individual isotopes* identified in 10 CFR 33.100 Schedule A, Column I or II, that requested quantities exceeding amounts authorized in Column I or II.

Radioisotope	Chemical or Physical Form				Total Activity Requested
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	

**AND**



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Identify any uncontained source or special nuclear materials that should be included in the license:

Source Material	
<input type="checkbox"/> Depleted Uranium	_____ Kilograms
<input type="checkbox"/> Uranium-238	_____ Grams
<input type="checkbox"/> Thorium-232	_____ Grams
<input type="checkbox"/> Other:	_____ Grams

  

Special Nuclear Material Less than Critical Mass Quantities	
<input type="checkbox"/> Uranium-234	_____ Grams
<input type="checkbox"/> Uranium-235	_____ Grams
<input type="checkbox"/> Plutonium-238	_____ Grams
<input type="checkbox"/> Plutonium-239	_____ Grams

For those individuals who will provide commercial services on sealed sources/devices and will be required to *take possession of materials incident to providing services*:

Sealed Sources/Devices Possessed Incident to Providing Services				
Radioisotope	Manufacturer/ Model No.	Quantity	Yes	No
		Not to exceed the maximum activity per source/device as specified in the Sealed Source and Device Registration Sheet	<input type="checkbox"/>	<input type="checkbox"/>
		Not to exceed the maximum activity per source/device as specified in the Sealed Source and Device Registration Sheet	<input type="checkbox"/>	<input type="checkbox"/>

  

Source Material	
<input type="checkbox"/> Uranium-238	_____ Kilograms
<input type="checkbox"/> Thorium-232	_____ Grams
<input type="checkbox"/> Other:	_____ Grams
<input type="checkbox"/> Depleted Uranium	_____ Kilograms

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**Special Nuclear Material Less than Critical Mass Quantities**


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<input type="checkbox"/> Uranium-234	_____	Grams
<input type="checkbox"/> Uranium-235	_____	Grams
<input type="checkbox"/> Plutonium-238	_____	Grams
<input type="checkbox"/> Plutonium-239	_____	Grams

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For those individuals who will provide commercial services involving unsealed or uncontained material and will be required to take possession of these materials incident to providing services:

### Unsealed or Uncontained Materials

Identify each individual isotope requested:

Radioisotope	Chemical or Physical Form				Total Activity Requested
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	

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**OR**

Identify your request for Type B or Type C quantities of materials by filling out the table below:

Radioisotope	Yes	No
<ul style="list-style-type: none"> <li>Any radioisotope identified in 10 CFR 33.100, Schedule A, Column I — (Type B License of Broad Scope)</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>
<b>OR</b>		
<ul style="list-style-type: none"> <li>Any radioisotope identified in 10 CFR 33.100, Schedule A, Column II — (Type C License of Broad Scope)</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>

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**AND IF APPLICABLE**

Identify *individual isotopes* identified in 10 CFR 33.100 Schedule A, Column I or II, that requested quantities exceeding amounts authorized in Column I or II.

Radioisotope	Chemical or Physical Form				Total Activity Requested
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	
	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input type="checkbox"/> Solid	<input type="checkbox"/> Other: Specify	

**AND**

Identify any uncontained source or special nuclear materials that should be included in the license:

Source Material	
<input type="checkbox"/> Depleted Uranium	_____ Kilograms
<input type="checkbox"/> Uranium-238	_____ Grams
<input type="checkbox"/> Thorium-232	_____ Grams
<input type="checkbox"/> Other:	_____ Grams
Special Nuclear Material	
<input type="checkbox"/> Uranium-234	_____ Grams
<input type="checkbox"/> Uranium-235	_____ Grams
<input type="checkbox"/> Plutonium-238	_____ Grams
<input type="checkbox"/> Plutonium-239	_____ Grams



Item No.	Title and Criteria	Yes	No	N/A	Description Attached
5	<p data-bbox="293 363 695 394"><b>RADIOACTIVE MATERIAL</b></p> <p data-bbox="293 443 883 516"><b>Financial Assurance and Recordkeeping For Decommissioning</b></p> <ul data-bbox="293 564 992 793" style="list-style-type: none"> <li>Pursuant to 10 CFR 30.35(g), we shall maintain drawings and records important to decommissioning and transfer these records to a new licensee before licensed activities are transferred, or assign the records to the appropriate NRC Regional Office before the license is terminated.</li> </ul> <p data-bbox="623 842 672 873" style="text-align: center;"><b>OR</b></p> <ul data-bbox="293 921 927 953" style="list-style-type: none"> <li>If financial assurance is required, submit evidence.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

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Item No.	Title and Criteria	Yes	No	N/A	Description Attached
6	<b>PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED</b> <ul style="list-style-type: none"> <li>Leak Test Analysis</li> <li>Environmental Sample Analysis</li> <li>Instrument/Dosimeter Calibration</li> <li>Instruction</li> </ul>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
	<b>Possession Incident to Performing the Following Services on Sealed Sources and Devices</b> <ul style="list-style-type: none"> <li>Installation</li> <li>Radiation Surveys</li> <li>Removal</li> <li>Disposal</li> <li>Relocation</li> <li>Repair</li> <li>Source Exchange</li> <li>Routine Maintenance</li> <li>Non-routine Maintenance</li> <li>Source Retrieval</li> <li>Transportation</li> <li>Packaging</li> <li>Leak Test Sample Acquisition</li> <li>Customer Training</li> <li>Other Services not identified above, excluding activities involving critical mass quantities of special nuclear material: Specify.</li> </ul>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Item No.	Title and Criteria	Yes	No	N/A	Description Attached
6	<p><b>PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED (<i>Cont'd.</i>)</b></p> <p><b>Possession Incident to Performing Commercial Services Utilizing Unsealed or Uncontained Licensed Material:</b></p> <p><b>Nuclear Laundry</b></p> <p>Waste Management Services:</p> <ul style="list-style-type: none"> <li>• Commercial Incineration</li> <li>• Commercial Compaction/Super Compaction</li> <li>• Commercial Solidification/Vitrification</li> <li>• Packaging, Repackaging, and Transportation of Radioactive Waste</li> <li>• Decontamination</li> <li>• Decommissioning</li> <li>• Site Characterization</li> <li>• Radiation protection or health physics training and instruction</li> <li>• Other Services not identified above, excluding activities involving critical mass quantities of special nuclear material: Specify.</li> </ul>				

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<b>Item No.</b>	<b>Title and Criteria</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Description Attached</b>
<b>7</b>	<p><b>INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE</b></p> <p><b>Radiation Safety Officer</b></p> <ul style="list-style-type: none"> <li>The name of the proposed RSO:</li> </ul> <p style="text-align: center;"><b>AND EITHER</b></p> <ul style="list-style-type: none"> <li>The specific training and experience of the RSO;</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>Alternative information demonstrating that the proposed RSO is qualified by training and experience, e.g., listed by name as an authorized user or the RSO on an NRC or Agreement State license that requires a radiation safety program of comparable size and scope.</li> </ul>				<div style="margin-top: 60px; margin-left: 80px;">☐</div> <div style="margin-top: 100px; margin-left: 80px;">☐</div>

[illegible]



Item No.	Title and Criteria	Yes	No	N/A	Description Attached
9	<b>FACILITIES AND EQUIPMENT (<i>Cont'd.</i>)</b>				
	<b>Permanent Facilities Specifically Identified on the License Requesting the Use of Unsealed or Uncontained Material</b>				
	<ul style="list-style-type: none"> <li>Leak Test and Environmental Sample Analysis Providers: No response required for facilities. (Equipment is discussed in Item 10, Radiation Safety Program.)</li> </ul>	No Response is Necessary for this Section			
	<ul style="list-style-type: none"> <li>Other services that involve handling of unsealed radioactive material at permanent facilities or field stations identified on the license:               <ul style="list-style-type: none"> <li>Describe the permanent facilities and equipment to be made available at each location where unsealed radioactive material will be used or handled.</li> <li>Include a description of the area(s) assigned for the receipt, storage, security, preparation, handling, waste storage and measurement of radioactive materials.</li> <li>Submit a facility diagram showing the proximity of licensed materials to unrestricted areas.</li> <li>Drawings, sketches, diagrams, etc. should indicate the scale, or include dimensions on each drawing or sketch.</li> <li>Submit a diagram, sketch, or drawing, when applicable, that identifies areas where radioactive materials may become airborne. The diagram should contain descriptions of the ventilation systems, with pertinent airflow rates, filtration equipment, sample collection points, and monitoring systems.</li> <li>Submit a diagram of radioactive waste handling equipment that includes incinerators, compactors, solidification equipment, hold-up tanks, sample collection points, etc.</li> </ul> </li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

Item No.	Title and Criteria	Yes	No	N/A	Description Attached
9	<p><b>FACILITIES AND EQUIPMENT (<i>Cont'd.</i>)</b></p> <p><b>Permanent Facilities Specifically Identified on the License Requesting the Use of Unsealed or Uncontained Material (<i>Cont'd.</i>)</b></p> <ul style="list-style-type: none"> <li>– Describe proposed laundry facilities, if applicable, used for contaminated protective equipment and clothing. Specify how the contaminated waste water from the laundry machines or sinks is disposed. Operating and emergency procedures should address decontamination of the laundry area and equipment.</li> <li>– Describe protective clothing (such as rubber gloves, coveralls, respirators, and face shields), auxiliary shielding, absorbent materials, secondary containers for waste water storage for decontamination purposes, plastic bags for storing contaminated items, etc., that will be available.</li> <li>– Identify specialized handling tools, facility interlocks designed to prevent operation of systems in the event that operation of the system could result in accidental exposure or release of material (e.g., HEPA filters, ventilation system, etc.) or equipment.</li> </ul> <p><b>Temporary Job Site Locations</b></p> <ul style="list-style-type: none"> <li>• No facility description is required for use of materials at temporary job sites.</li> </ul>			<input type="checkbox"/>       <input type="checkbox"/>       <input type="checkbox"/>       	<input type="checkbox"/>       <input type="checkbox"/>       <input type="checkbox"/>       
		Need Not Be Submitted With Application			



Item No.	Title and Criteria	Yes	No	N/A	Description Attached
10	<b>RADIATION SAFETY PROGRAM</b>  The applicant is required to establish and submit its radiation protection program. Each item listed below should be addressed in the corresponding sections of this guide.				
	<ul style="list-style-type: none"> <li>• Development and implementation of an ALARA program.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Description of equipment and facilities adequate to protect personnel, the public and the environment.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Confirmation that licensed activities are conducted only by individuals qualified by training and experience.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Development and maintenance of written operating and emergency procedures.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Implementation of an audit program to ensure that, at least annually, the radiation safety program is reviewed.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Description of organization structure and individuals responsible for ensuring day-to-day oversight of the radiation safety program.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Establishment and management of a radiation safety and decommissioning records system.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Methods or procedures for preventing the release of contaminated material and equipment.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Methods or procedures for preventing personnel contamination. Radiation safety procedures and the authorized users responsibilities unique to each type of service operation requested in the application.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Radiation safety procedures.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>• Equipment, techniques, and corresponding radiation safety procedures associated with providing services involving either sealed sources or unsealed materials.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Audit Program</b>	Need Not Be Submitted With Application			

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Item No.	Title and Criteria	Yes	No	N/A	Description Attached
10	<b>RADIATION SAFETY PROGRAM (Cont'd.)</b>  <b>Occupational Dosimetry (Cont'd.)</b>  <b>OR</b>  <ul style="list-style-type: none"> <li>Contract with an outside group for bioassay services. Provide a commitment that each vendor is licensed or otherwise authorized by NRC or Agreement State to provide required bioassay services.</li> </ul>				<input type="checkbox"/>
	<b>Public Dose</b>  The applicant is not required to, and should not, submit a response to the public dose section during the licensing phase. This matter will be addressed during an inspection.	Need Not Be Submitted With Application			
	<b>Operating and Emergency Procedures</b>  <ul style="list-style-type: none"> <li>Procedure for obtaining an agreement with customers outlining the responsibilities of both the customer and service provider, when performing service operations at a customer's facility</li> <li>Instructions for handling and using licensed materials.</li> <li>Instructions for maintaining security during storage and transportation.</li> <li>Instructions to keep licensed material under control and immediate surveillance during use.</li> <li>Steps to take to keep radiation exposures ALARA.</li> <li>Steps to maintain accountability during use.</li> <li>Steps to control access to work sites.</li> <li>Steps to take and whom to contact when an emergency occurs.</li> <li>Instructions for using remote handling tools when handling sealed sources, except low-activity calibration sources.</li> <li>Methods and occasions for conducting radiation surveys, including surveys for detecting contamination.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Item No.	Title and Criteria	Yes	No	N/A	Description Attached
10	<b>RADIATION SAFETY PROGRAM</b> ( <i>Cont'd.</i> )				
	<b>Operating and Emergency Procedures</b> ( <i>Cont'd.</i> )				
	<ul style="list-style-type: none"> <li>Procedures to minimize personnel exposure during routine use and in the event of an incident, including exposures from inhalation and ingestion of licensed unsealed materials.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Methods and occasions for locking and securing stored licensed materials.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Procedures for the implementation and adherence to good health physics practices while performing service operations:               <ul style="list-style-type: none"> <li>Minimization of distance to areas, to the extent practicable, where licensed materials are used and stored</li> <li>Maximization of survey frequency, within reason, to enhance detection of contamination</li> <li>Segregation of radioactive material in waste storage areas</li> <li>Segregation of sealed sources and tracer materials to prevent cross-contamination</li> <li>Separation of radioactive material from explosives</li> <li>Separation of potentially contaminated areas from clean areas by barriers or other controls.</li> </ul> </li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Personnel monitoring, including bioassays, and the use of personnel monitoring equipment.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Transportation of licensed materials to temporary job sites, packaging of licensed materials for transport in vehicles, placarding of vehicles when needed, and physically securing licensed materials in transport vehicles during transportation to prevent accidental loss, tampering, or unauthorized removal.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Procedures for picking up, receiving, and opening packages containing licensed materials, in accordance with 10 CFR 20.1906.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Instructions for maintaining records in accordance with the regulations and the license conditions.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Item No.	Title and Criteria	Yes	No	N/A	Description Attached
10	<p><b>RADIATION SAFETY PROGRAM (<i>Cont'd.</i>)</b></p> <p><b>Operating and Emergency Procedures (<i>Cont'd.</i>)</b></p> <ul style="list-style-type: none"> <li>Procedures for identifying and reporting to NRC defects and noncompliance as required by 10 CFR 21.21(a) of this chapter.</li> <li>Procedures and actions to be taken if a sealed source is ruptured, including actions to prevent the spread of contamination and minimize inhalation and ingestion of licensed materials and actions to obtain suitable radiation survey instruments.</li> <li>Instructions for the proper storage and disposal of radioactive waste.</li> <li>Procedures to be followed in the event of uncontrolled release of radioactive unsealed licensed material to the environment, including notification of the RSO, NRC, and other Federal and state agencies.</li> <li>Procedures for identifying and reporting to NRC defects and noncompliance. See Table 8.4, which describes the typical incident notifications required by NRC regulations.</li> </ul>				





Item No.	Title and Criteria	Yes	No	N/A	Description Attached
10	<p><b>RADIATION SAFETY PROGRAM (<i>Cont'd.</i>)</b></p> <p><b>Leak Tests (<i>Cont'd.</i>)</b></p> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>“Leak testing procedures and analysis will be done by the applicant.” Provide the information in supporting a request to perform leak testing. Appendix O of NUREG-1556, Vol. 18, “Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Service Provider Licenses,” dated November 2000, may serve as guidance.</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>“We will provide commercial leak test kits as described in the model leak test kit description in Section 8.9.8 of NUREG-1556, Vol. 18, ‘Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Service Provider Licenses,’ dated November 2000.”</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>“We will provide leak test kits as described in the model leak test kit description in Section 8.9.8 of NUREG-1556, Vol. 18.”</li> <li>Provided is a sample of the leak test kits that will be distributed commercially for each type of sealed source/device combination we plan to provide.</li> </ul>	<input type="checkbox"/>          <input type="checkbox"/>          <input type="checkbox"/>          <input type="checkbox"/>	<input type="checkbox"/>          <input type="checkbox"/>          <input type="checkbox"/>          <input type="checkbox"/>	<input type="checkbox"/>          <input type="checkbox"/>          <input type="checkbox"/>          <input type="checkbox"/>	<input type="checkbox"/>                              <input type="checkbox"/>

Item No.	Title and Criteria	Yes	No	N/A	Description Attached
10	<p><b>RADIATION SAFETY PROGRAM</b> (<i>Cont'd.</i>)</p> <p><b>Maintenance</b></p> <ul style="list-style-type: none"> <li>“We will implement and maintain procedures for conducting routine maintenance of our device according to each manufacturer’s (or distributor’s) written recommendations and instructions.”</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>Alternative procedures are provided for NRC’s review.</li> <li>“We will have the device manufacturer (or distributor) or other person authorized by NRC or an Agreement State to perform non-routine maintenance on our devices.”</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>Information requested in Appendix P of NUREG-1556, Vol. 18, “Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Service Provider Licenses,” dated November 2000, is provided to support requests to conduct non-routine maintenance procedures.</li> </ul> <p><b>Minimization of Contamination</b></p> <ul style="list-style-type: none"> <li>NRC will consider that the criteria for minimization of contamination has been met if the applicant’s responses satisfy the criteria in the following sections: “Radioactive Material – Unsealed and/or Sealed Sources,” “Facilities and Equipment,” “Radiation Safety Program – Safe Use of Radioisotopes and Emergency Procedures,” “Radiation Safety Program – Surveys,” and “Radiation Safety Program – Waste Management.”</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
		No Response is Necessary for this Section			

Item No.	Title and Criteria	Yes	No	N/A	Description Attached
10	<b>RADIATION SAFETY PROGRAM (Cont'd.)</b>				
	<b>Transportation</b>  No response is needed from applicants during the licensing phase.	No Response is Necessary for this Section			
	<b>Waste Management</b>  <ul style="list-style-type: none"> <li>• “We will use the model waste procedures published in Appendix N of NUREG-1556, Vol. 18, ‘Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Service Provider Licenses,’ dated November 2000.”</li> <li>• If the applicant wishes to use only selected model procedures, provide a statement that: “We will use the (specify either: (1) Decay-In-Storage; or (2) Disposal of Liquids Into Sanitary Sewerage) model waste procedures that are published in Appendix N of NUREG-1556, Vol. 18, ‘Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Service Provider Licenses,’ dated November 2000.”</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>• Provided are procedures for waste collection, storage, and disposal by any of the authorized methods described in this section.</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>• If access to a radioactive waste burial site is unavailable, the applicant should request authorization for extended interim storage of waste. Applicant should refer to NRC IN 90-09, “Extended Interim Storage of Low-Level Radioactive Waste by Fuel Cycle and Materials Licensees,” dated February 1990, for guidance if extended storage is required.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>